

FORM PTO-1449, U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
WVFRNT.001AAPPLICATION NO.  
10/036,198INFORMATION DISCLOSURE STATEMENT  
BY APPLICANTAPPLICANT  
Chris Rich et al.FILING DATE  
Dec. 28, 2001GROUP  
2872 1756

(USE SEVERAL SHEETS IF NECESSARY)

DEC 02 2002

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
u	1.	3,459,839	8/5/69	Hutfiles	350	341	
u	2.	3,565,978	2/23/71	Folger et al.	350	3.69	
u	3.	3,658,526	4/25/72	Haugh	430	1	
u	4.	4,420,502	12/16/83	Conley	429	54.1	
u	5.	4,478,769	10/23/84	Pricone et al.	264	1.4	
u	6.	4,486,363	12/4/84	Pricone et al.	264	1.4	
u	7.	4,758,296	7/19/88	McGrew	2892	231	
u	8.	4,836,874	6/6/89	Foster	156	209	
u	9.	4,840,757	6/20/89	Blenkhorn	264	22	
u	10.	4,942,102	7/11/90	Keys et al.	430	1	
u	11.	5,279,689	1/16/94	Shvartsman	156	220	
u	12.	5,705,096	1/6/98	Kano et al.	252	288.4	
u	13.	5,942,157	8/24/99	Sutherland et al.	359	15	
u	14.	6,147,726	11/14/00	Kubota et al.	349	74	

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DEC 09 2002  
TC 1700

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
u	15.	Liquid Crystals in Complex Geometries Formed by polymer and porous networks, Taylor & Francis Ltd., London, 1996, pp. 8, 18, 53, 56, 57, 108, 212, 214, 218, and 246-253.						
u	16.	Handbook of Liquid Crystal Research, Oxford University Press, Inc., New York, 1997, pp. 353-354.						
u	17.	Liquid Crystals Applications and Uses, World Scientific, Singapore, Vol. 3, 1992, pp. 2-7, 20-25, 44-55.						
u	18.	R. L. Sutherland et al., Bragg Gratings in an Acrylate Polymer Consisting of Periodic Polymer-Dispersed Liquid-Crystal Planes, Chem. Mater., Vol. 5, 1993, pp. 1533-1538.						

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EXAMINER	<i>[Signature]</i>	DATE CONSIDERED	9/8/03
<p>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</p>			